

Message

From: Hamilton, Scott [hamilton.scott@epa.gov]
Sent: 9/1/2017 12:41:43 PM
To: Compher, Michael [compher.michael@epa.gov]; Qazzaz, Bilal [qazzaz.bilal@epa.gov]
Subject: Phase 1 Data Review Update (MN and OH)
Attachments: Region5_ Ozone _Data_Invalidations_2013-2016 with R5 Response VERSION 20170831.xlsx; MN Data Evaluation with R5 review column VERSION 20170831.xlsx

I completed the review of the MN calibration records submitted and compiled the information in "MN Data Evaluation with R5 review column VERSION 20170831". Based on this, I also made a judgment on data validity for Phase 1 MN in "Region5_ Ozone _Data_Invalidations_2013-2016 with R5 Response VERSION 20170831".

1. All precision data should be deleted from AQS.
2. In most cases, high points were recorded prior to the adjustment when a calibration is conducted. Since were using the calibration as compelling evidence I would've liked to see at least one other point recorded prior to adjustment.
3. I am not seeing closeout checks for most sites which could cause more data to be invalidated. Without additional checks, data would be invalidated for each site without a closeout check from 10/31 of each year back to a successful check. This could mean more data loss for about half the sites.
4. Data Loss/Potential Completeness Problems:
 - a. 27-005-2013 – invalid data from 4/1/2014 to 6/5/2014 and 9/23/2014 to 10/31/2014 (if no closeout check is submitted)
 - b. 27-083-4210 – invalid data from 4/1/2015 to 5/28/2015 and 10/13/2015 to 10/31/2015 (if no closeout check is submitted)

I think we had one outstanding Phase 1 issue for OH that B was looking at.

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